BRUHAT BANGALORE MAHANAGARA PALIKE

PACKAGE NO.03 (CONSISTS OF 5 WORKS)

Second and Part Bill 27/1/24

ABSTRACT

Item No	Description	Unit	Quantity	Rate	Amount
1	Removing and resetting Stone Slab of drain and pointing in C.M (1:3) (Approved Rate)				
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 01	Sqm	246.92		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 01	Sqm	231.12		
	Total Executed Quantity	Sqm	**478.04**		
	Modified Schedule-B Quantity	Sqm	**1487.70**		
	Now to be paid Quantity	Sqm	**478.04**	**139.73**	**66797.00**
2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)				
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 2-3	Sqm	294.63		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 2-10	Sqm	1708.37		
	Total Executed Quantity	Sqm	**2003.00**		
	Modified Schedule-B Quantity	Sqm	**2154.02**		
	Now to be paid Quantity	Sqm	**2003.00**	**271.37**	**543554.00**
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) Quantity upto125%				
	Quantity Measured in 1st RA Bill	Cum	1265.60		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 4-7	Cum	620.45		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 17-19	Cum	1323.93		
	Total Executed Quantity	Cum	**3209.98**		
	Modified Schedule-B Quantity	Cum	**5519.80**		
	DPQ Paid in 1st RA Bill	Cum	**1265.60**		
	Now to be paid Quantity	Cum	**1944.38**	**351.05**	**682575.00**
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates				
	Quantity Measured in 1st RA Bill	Cum	214.32		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 8-9	Cum	85.47		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. Do.	Cum	50.34		
	Total Executed Quantity	Cum	**350.13**		
	Modified Schedule-B Quantity	Cum	**452.99**		
	DPQ Paid in 1st RA Bill	Cum	**214.32**		
	Now to be paid Quantity	Cum	**135.81**	**6413.65**	**871038.00**
5	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications				
	Quantity Measured in 1st RA Bill	Tonne	25.68		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 10	Tonne	8.24		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 21	Tonne	5.75		
	Total Executed Quantity	Tonne	**39.67**		

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

02/01/24

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Item No	Description	Unit	Quantity	Rate	Amount
	Modified Schedule-B Quantity	Tonne	**54.41**		
	DPQ Paid in 1st RA Bill	Tonne	**25.68**		
	Now to be paid Quantity	Tonne	**13.99**	106436.07	1489041.00
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates				
	Quantity Measured in 1st RA Bill	Cum	406.82		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 2-4	Cum	167.45		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 2-3	Cum	125.60		
	Total Executed Quantity	Cum	**699.87**		
	Modified Schedule-B Quantity	Cum	**915.91**		
	DPQ Paid in 1st RA Bill	Cum	**406.82**		
	Now to be paid Quantity	Cum	**293.05**	7236.31	2120601.00
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates				
	Quantity Measured in 1st RA Bill	Cum	11.75		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 11-13	Cum	24.30		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 22-27	Cum	54.71		
	Total Executed Quantity	Cum	**90.76**		
	Modified Schedule-B Quantity	Cum	**90.76**		
	DPQ Paid in 1st RA Bill	Cum	**11.75**		
	Now to be paid Quantity	Cum	**79.01**	6614.58	522618.00
8	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.				
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 14-15	Sqm	138.84		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 28-29	Sqm	198.56		
	Total Executed Quantity	Sqm	**337.40**		
	Modified Schedule-B Quantity	Sqm	**337.40**		
	Now to be paid Quantity	Sqm	**337.40**	1225.22	413389.00
9	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work				
	Quantity Measured in 1st RA Bill	Sqm	702.89		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 5-7	Sqm	647.76		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 4-9	Sqm	698.87		

Contactor

RUDRAPRASAD CONSULTANTS PMC BANGALORE

Assistant Engineer

02/01/24

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Item No	Description	Unit	Quantity	Rate	Amount
	Total Executed Quantity	Sqm	**2049.52**		
	Modified Schedule-B Quantity	Sqm	**2423.33**		
	DPQ Paid in 1st RA Bill	Sqm	**702.89**		
	Now to be paid Quantity	Sqm	**1346.63**	2175.19	2929176.00
10	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)				
	Quantity Measured in 1st RA Bill	Sqm	61.86		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 7	Sqm	8.70		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 9	Sqm	14.16		
	Total Executed Quantity	Sqm	**84.72**		
	Modified Schedule-B Quantity	Sqm	**172.08**		
	DPQ Paid in 1st RA Bill	Sqm	**61.86**		
	Now to be paid Quantity	Sqm	**22.86**	5287.84	120880.00
12	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)				
	Quantity Measured in 1st RA Bill	nos	1306.00		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no.	nos	0.00		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 9-11	nos	1444.00		
	Total Executed Quantity	nos	**2750.00**		
	Modified Schedule-B Quantity	nos	**2750.00**		
	DPQ Paid in 1st RA Bill	nos	**1306.00**		
	Now to be paid Quantity	nos	**1444.00**	532.25	768569.00
13	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces				
	Quantity Measured in 1st RA Bill	Sqm	205.63		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no.	Sqm	0.00		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 11-13	Sqm	227.50		
	Total Executed Quantity	Sqm	**433.13**		
	Modified Schedule-B Quantity	Sqm	**433.13**		
	DPQ Paid in 1st RA Bill	Sqm	**205.63**		
	Now to be paid Quantity	Sqm	**227.50**	98.16	22331.00
14	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. and as per the directions of the Engineer-in-charge of the work .				
	Quantity Measured in 1st RA Bill	Cum	737.45		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 16-22	Cum	675.90		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 30-37	Cum	1423.07		
	Total Executed Quantity	Cum	**2836.42**		
	Modified Schedule-B Quantity	Cum	**3673.73**		
	DPQ Paid in 1st RA Bill	Cum	**737.45**		
	Now to be paid Quantity	Cum	**2098.97**	75.06	157549.00

15 Constn of Embankment

Contractor

PMC
RUDRAPRASAD CONSULTANTS
BANGALORE

Assistant Engineer

02/01/24
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Item No	Description	Unit	Quantity	Rate	Amount
16	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	–			
	Quantity Measured in 1st RA Bill	Cum	663.70		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 23-28	Cum	608.31		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 38-45	Cum	1281.00		
	Total Executed Quantity	Cum	**2553.01**		
	Modified Schedule-B Quantity	Cum	**3308.74**		
	DPQ Paid in 1st RA Bill	Cum	**663.70**		
	Now to be paid Quantity	Cum	**1889.31**	2764.54	5223073.00
17	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.				
	Quantity Measured in 1st RA Bill	Sqm	2949.80		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 29-39	Sqm	5281.81		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 46-58	Sqm	8057.47		
	Total Executed Quantity	Sqm	**16289.08**		
	Modified Schedule-B Quantity				
	Quantity Upto 125%	Sqm	**20798.60**		
	Quantity Above 125%	Sqm	**3766.80**		
	DPQ Paid in 1st RA Bill	Sqm	**2949.80**		
	Now to be paid Quantity				
	Quantity Upto 125%	Sqm	**13339.28**	48.50	646955.00
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom				
	Quantity Measured in 1st RA Bill	Sqm	4937.92		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 40-46	Sqm	12849.61		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 59 - 66	Sqm	19797.17		
	Total Executed Quantity	Sqm	**37584.70**		
	Modified Schedule-B Quantity	Sqm	**64570.28**		
	DPQ Paid in 1st RA Bill	Sqm	**4937.92**		
	Now to be paid Quantity	Sqm	**32646.78**	13.86	452484.00
19	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.				
	Quantity Measured in 1st RA Bill	Cum	147.49		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 47-57	Cum	264.09		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 67-80	Cum	402.87		
	Total Executed Quantity	Cum	**814.45**		
	Modified Schedule-B Quantity	Cum	**1228.27**		
	DPQ Paid in 1st RA Bill	Cum	**147.49**		
	Now to be paid Quantity	Cum	**666.96**	10553.53	7038782.00

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

02/01/24

Assistant Executive Engineer

Assistant executive Engineer

Kothigehalli Sub Division

BBMP, Bangalore

Item No	Description	Unit	Quantity	Rate	Amount
20	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects			–	
	Quantity Measured in 1st RA Bill	Cum	197.52		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 8-13	Cum	513.98		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 15-22	Cum	792.79		
	Total Executed Quantity	Cum	**1504.29**		
	Modified Schedule-B Quantity	Cum	**2582.81**		
	DPQ Paid in 1st RA Bill	Cum	**197.52**		
	Now to be paid Quantity	Cum	**1306.77**	12253.37	16012336.00
21	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes				
	Quantity Measured in 1st RA Bill	Sqm	174.40		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 14-19	Sqm	492.32		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 22-29	Sqm	709.96		
	Total Executed Quantity	Sqm	**1376.68**		
	Modified Schedule-B Quantity	Sqm	**2346.00**		
	DPQ Paid in 1st RA Bill	Sqm	**174.40**		
	Now to be paid Quantity	Sqm	**1202.28**	551.98	663635.00
25	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 250 t.km				
	Quantity Measured in 1st RA Bill	T.km	2563.91		
	Vol-I Ward No 07 Quantity Vide from measuremet Page no. 58	T.km	1659.33		
	Vol-II Ward No 08 Quantity Vide from measuremet Page no. 81	T.km	3516.16		
	Total Executed Quantity	T.km	**7739.40**		
	Modified Schedule-B Quantity	T.km	**12580.64**		
	DPQ Paid in 1st RA Bill	T.km	**2563.91**		
	Now to be paid Quantity	T.km	**5175.49**	110.86	573755.00
				Sub Total	41319138.00
				GST @18%	7437445.00
				TOTAL AMOUNT	48756583.00

Round off: 41315000.00
18% 7436700.00
total 48751700.00

Contactor

RUDRAPRASAD CONSULTANTS PMC BANGALORE

Assistant Engineer

Assistant Executive Engineer

02/01/24

Kodigehalli Sub Division
BBMP, Bangalore